

# Hemostatic patch

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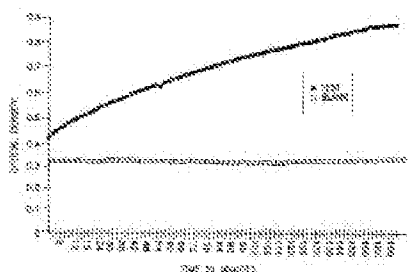
 US5645849 (A)  
 US5643596 (A)  
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Abstract not available for JP 9504719 (T)

Abstract of corresponding document: **US 5645849 (A)**

A fibrinogen-free substrate having as a hemostatic agent on a surface thereof a mixture of a clot-promoting amount of thrombin and an amount of epsilon aminocaproic acid (EACA) effective to accelerate the rate of blood clotting induced by the thrombin is useful as a hemostatic patch which is safe, inexpensive and which rapidly controls bleeding from a wound. A patch which rapidly stanches the flow of blood from a lesion on a parenchymal organ by pressing it against the surface of the organ for 3-5 minutes, is produced by applying thrombin, EACA and CaCl<sub>2</sub> to a rigid sheet of biodegradable foam, such as an absorbable gelatin sponge, and compressing the dry sheet to produce a flexible sheet which conforms to the contour of the organ without the necessity of pre-moistening. The EACA raises the pH of the acidic fluid associated with the wound and thereby accelerates the activation of the thrombin.



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